

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Dominic P. Behan, Karin Bruinsma, Derek T.
Chalmers, Ruoping Chen, Huong T. Dang, Martin
Gore, Chen W. Liaw, I-Lin Lin, Kevin Lowitz,
and Carol White

Group Art Unit: Not Assigned

Examiner: Not Assigned

For: Non-Endogenous, Constitutively Activated
Human G Protein-Coupled Receptors

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent ☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

- ☐ is attached hereto.
- ☒ was filed on October 12, 1999 as Serial No. 09/416,760.
- ☐ said application having been amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____
<input type="checkbox"/>	_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
<u>09/170,496</u>	<u>10/13/98</u>	<u>Pending</u>

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed
60/110,060	11/27/98
60/120,416	02/16/99
60/121,852	02/26/99
60/109,213	11/20/98
60/123,944	03/12/99
60/123,945	03/12/99
60/123,948	03/12/99
60/123,951	03/12/99
60/123,946	03/12/99

60/123,949	03/12/99
60/152,524	09/03/99
60/151,114	08/27/99
60/108,029	11/12/98
60/136,436	05/28/99
60/136,439	05/28/99
60/136,567	05/28/99
60/137,127	05/28/99
60/137,131	05/28/99
60/141,448	06/30/99
60/136,437	05/28/99
60/156,633	09/29/99
60/156,555	09/29/99
60/156,634	09/29/99
Unknown (Arena Pharmacueticals Docket #CHN10-1)	09/29/99
Unknown (Arena Pharmaceuticals Docket #RUP6-1)	10/01/99
Unknown (Arena Pharmaceuticals Docket #RUP7-1)	10/01/99
Unknown (Arena Pharmaceuticals Docket #CHN6-1)	10/01/99
Unknown (Arena Pharmaceuticals Docket #RUP5-1)	10/01/99
Unknown (Arena Pharmaceuticals Docket #CHN9-1)	10/01/99

I hereby appoint the following persons of the firm of **WOODCOCK
WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor,
Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application
and to transact all business in the Patent and Trademark Office connected therewith:

Suzanne E. Miller, Esq. Reg. No. 32,279

Michael P. Straher, Esq. Reg. No. 38,325

And

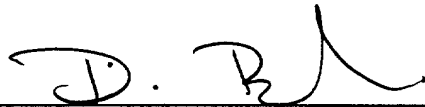
Richard P. Burgoon Reg. No. 34,787


of **ARENA PHARMACEUTICALS, INC.**, 6166 Nancy Ridge Drive, San Diego, California
92008.


Address all telephone calls and correspondence to:

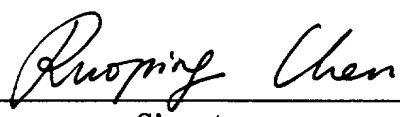
Michael P. Straher
**WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone No.: (215) 568-3100
Facsimile No.: (215) 568-3439


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Dominic P. Behan	 Signature Date of Signature: <u>12/13/99</u> Citizenship: <u>United Kingdom</u>
Mailing Address: 11472 Roxboro Court San Diego, California 92131	
City/State of Actual Residence: San Diego, California 92126	


Name: Karin Bruinsma Karin Lehmann-Bruinsma	 Signature Date of Signature: <u>12/13/99</u> Citizenship: <u>Germany</u>
Mailing Address: 12565 Pathos Lane San Diego, California 92129	
City/State of Actual Residence: San Diego, California 92129	


Name: Derek T. Chalmers	 Signature
Mailing Address: 347 Longdon Lane 1778 RUBENSTEIN DR. Solana Beach, California 92150 92007 CARDIFF	Date of Signature: 12/13/99
City/State of Actual Residence: Solana Beach, California 92150	Citizenship: United Kingdom

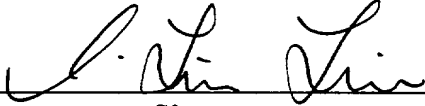
Name: Ruoping Chen	 Signature
Mailing Address: 5296 Timber Branch Way San Diego, California 92130	Date of Signature: 12/13/99
City/State of Actual Residence: San Diego, California 92130	Citizenship: China


Name: Huong T. Dang	 Signature
Mailing Address: 5352 Oak Park Drive San Deigo, California 92105	Date of Signature: 12/13/1999
City/State of Actual Residence: San Diego, California 92105	Citizenship: U.S.


2025 RELEASE UNDER E.O. 14176

Name: Martin Gore	 _____ Signature
Mailing Address: 6868 Estrella Avenue San Diego, California 92120	Date of Signature: <u>12/13/99</u>
City/State of Actual Residence: San Diego, California 92120	Citizenship: <u>United Kingdom</u>

Name: Chen W.Liaw	 _____ Signature
Mailing Address: 7668 Salix Place San Diego, California 92129	Date of Signature: <u>12/13/99</u>
City/State of Actual Residence: San Diego, California 92129	Citizenship: <u>U.S.</u>

Name: I-Lin Lin	 _____ Signature
Mailing Address: 8291-7 Gold Coast Drive San Diego, California 92126	Date of Signature: <u>12/13/99</u>
City/State of Actual Residence: San Diego, California 92126	Citizenship: <u>Taiwan</u>

Name: Kevin Lowitz	 Signature Date of Signature: <u>12-13-99</u> Citizenship: <u>U.S.</u>
Mailing Address: 8031 Caminito de Pizza, Apt. C San Diego, California 92108	
City/State of Actual Residence: San Diego, California 92108	

Name: Carol White	 Signature Date of Signature: <u>12-13-99</u> Citizenship: <u>U.S.</u>
Mailing Address: 4260 Cleveland Avenue San Diego, California 92103	
City/State of Actual Residence: San Diego, California 92103	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Dominic P. Behan, Karin Lehmann-Bruinsma,
Derek T. Chalmers, Ruoping Chen, Huong T.
Dang, Martin Gore, Chen W. Liaw, I-Lin Lin,
Kevin Lowitz, and Carol White

Group Art Unit: Not yet
assigned

Serial No.: Not yet assigned

Examiner: Not yet assigned

Filed: Herewith

**For: NON-ENDOGENOUS,
CONSTITUTIVELY ACTIVATED
HUMAN G PROTEIN-COUPLED
RECEPTORS**

Assistant Commissioner for Patents
Washington DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY

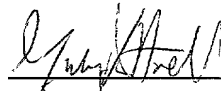
The undersigned, of the firm WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia,
Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

Richard E. Kurtz	Registration No. 19,263	David A. Cherry	Registration No. 35,099
Dale M. Heist	Registration No. 28,425	Robert B. Washburn	Registration No. 16,574
John W. Caldwell	Registration No. 28,937	Norman L. Norris	Registration No. 24,196
Gary H. Levin	Registration No. 28,734	Lynn A. Malinoski	Registration No. 38,788
Steven J. Rocci	Registration No. 30,489	Steven B. Samuels	Registration No. 37,711
Dianne B. Elderkin	Registration No. 28,598	Anthony J. Rossi	Registration No. 24,053
John P. Donohue, Jr.	Registration No. 29,916	Terence P. Strobaugh	Registration No. 25,460
Henrik D. Parker	Registration No. 31,863	Michael J. Swope	Registration No. 38,041
Suzanne E. Miller	Registration No. 32,279	Michael J. Bonella	Registration No. 41,628
Lynn B. Morreale	Registration No. 32,842	Harold H. Fullmer	Registration No. 42,560
Mark DeLuca	Registration No. 33,229	John E. McGlynn	Registration No. 42,863
Joseph Lucci	Registration No. 33,307	Jonathan M. Waldman	Registration No. 40,861
Michael P. Dunnam	Registration No. 32,611	Paul K. Legaard	Registration No. 38,534
Michael D. Stein	Registration No. 34,734	Chad Ziegler	Registration No. 44,273
Albert J. Marcellino	Registration No. 34,664	David N. Farsiou	Registration No. 44,104
David R. Bailey	Registration No. 35,057	Maureen S. Gibbons	Registration No. 44,121
Doreen Yatko Trujillo	Registration No. 35,719	Steven H. Meyer	Registration No. 37,189
Barbara L. Mullin	Registration No. 38,250	Paul B. Milcetic	Registration No. 46,261
Michael P. Straher	Registration No. 38,325	Joseph R. Condo	Registration No. 42,431
Kevin M. Flannery	Registration No. 35,871	Michael K. Jones	Registration No. 41,100

Frank T. Carroll	Registration No. 42,392
Mark J. Rosen	Registration No. 39,822
Mitchell R. Brustein	Registration No. 38,394
Eric H. Vance	Registration No. 47,151
Peter M. Ullman	Registration No. 43,963
Thomas E. Watson	Registration No. 43,243
Richard B. LeBlanc	Registration No. 39,495
Joseph D. Rossi	Registration No. 47,038
Rosaleen P. Morris	Registration No. 47,321
George J. Awad	Registration No. 46,528
Steven D. Maslowski	Registration No. 46,905
S. Maurice Valla	Registration No. 43,966
Vincent J. Roccia	Registration No. 43,887
Robin S. Quartin	Registration No. 45,028
Patrick J. Farley	Registration No. 42,524
Gregory L. Hillyer	Registration No. 44,154
Susan C. Murphy	Registration No. 46,221
David L. Marcus	Registration No. 46,897
Christine A. Goddard	Registration No. 46,731
Ellen M. Klann	Registration No. 44,836
Andrew J. Hagerty	Registration No. 44,141
Emma R. Dailey	Registration No. P48,491
Stephen C. Timmins	Registration No. P48,481
Erich M. Falke	Registration No. P49,049
Jane Smith Ingelese	Registration No. P48,444

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP at the above address.

Date: June 7, 2001


Gwilym J. O. Attwell
Registration No. 45,449

Woodcock Washburn Kurtz
Mackiewicz & Norris LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439